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## (54) GLUCOSAMINE PREPARATION

## (57)Abstract:

PROBLEM TO BE SOLVED: To provide a preparation useful for preventing or treating arthropathy.

SOLUTION: This preparation contains glucosamine, a derivative thereof or salt thereof which has MMP13 (matrix metalloprotease 13) expression inhibitory activity and TIMP2 (matrix metalloprotease inhibitor 2) expression promotive activity, therefore exhibiting good prophylactic or therapeutic effect on arthropathy.

## LEGAL STATUS

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